

Hybrid B2035IUG10

Polycarbonate + PBT

Ravago Manufacturing Americas, LLC

Message:

PC/PBT, 10% Glass Filled, UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Additive	UV Stabilizer		
Features	Good UV Resistance		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/3.8 kg)	30	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.50 to 0.80	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	74.0	MPa	ISO 527-2
Flexural Modulus	4480	MPa	ISO 178
Flexural Stress	120	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	7.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	206	°C	ISO 75-2/B
1.8 MPa, Unannealed	130	°C	ISO 75-2/A

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